

Title (en)
SPINNING FRAME, PARTICULARLY RING SPINNING FRAME.

Title (de)
SPINNMASCHINE, INSBESONDERE RINGSPINNMASCHINE.

Title (fr)
METIER A FILER, EN PARTICULIER METIER A FILER A ANNEAUX.

Publication
EP 0062063 A1 19821013 (DE)

Application
EP 81902980 A 19811007

Priority
CH 764780 A 19801014

Abstract (en)
[origin: WO8201385A1] The ring spinning frame comprises a main structure (1) which supports a box frame (11) on which disc-shaped magazines (14) may be detachably and loosely placed in a row. These magazines have on their underside a multiplicity of suspension devices (16) for attaching the bobbins (10). The frame (11) also serves as a rail configuration for a carriage (15) capable, by means of appropriate lifting devices (17, 18), during its travel from one end of the spinning frame to the other, to pick up at least one disc-shaped magazine (14) with empty bobbins (10) and to deposit at that place a disc-shaped magazine (14) with full bobbins (10). These measures enable the change of bobbins on the spinning frame to be fully automated.

Abstract (fr)
Le metier a filer a anneaux comprend une structure principale (1) qui supporte un cadre (11) sur lequel on peut placer en rangee des magasins (14) en forme de disque, de facon amovible. Ces magasins presentent sur leur face de dessous une pluralite de dispositifs de suspension (16) pour attacher les bobines (10). Le cadre (11) sert egalement de rail pour un chariot (15) qui peut, au moyen de dispositifs de levage appropries (17, 18), lors de sa course d'une extremite a l'autre du metier a filer, saisir au moins un magasin (14) en forme de disque avec des bobines vides (10) et deposer a cet emplacement un magasin (14) en forme de disque garni de bobines pleines (10). Cette disposition permet d'automatiser totalement le changement des bobines sur le metier a filer.

IPC 1-7
D01H 9/00; D01H 1/18

IPC 8 full level
B65H 67/06 (2006.01); **D01H 1/18** (2006.01); **D01H 9/00** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)
D01H 1/183 (2013.01 - EP US); **D01H 9/005** (2013.01 - EP US)

Cited by
US4801807A; DE3611381A1; DE3635576A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0050271 A1 19820428; EP 0062063 A1 19821013; EP 0062063 B1 19850417; IN 155569 B 19850216; JP H0340130 B2 19910618; JP S57501534 A 19820826; US 4464893 A 19840814; WO 8201385 A1 19820429

DOCDB simple family (application)
EP 81108031 A 19811007; EP 8100158 W 19811007; EP 81902980 A 19811007; IN 1228CA1981 A 19811104; JP 50334581 A 19811007; US 38783382 A 19820602